

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplv.gov



**Bib Data Sheet** 

**CONFIRMATION NO. 6071** 

SERIAL 07/29/2003 CLAS 10/629,529 RULE	I UNII I
--	----------

## **APPLICANTS**

Hardayal Singh Gill, Palo Alto, CA;

Wen-Chien Hsiao, San Jose, CA; Jih-Shiuan Luo, San Jose, CA;

\*\* CONTINUING DATA \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*



## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/28/2003

Foreign Priority claimed 35 USC 119 (a-d)	□ yes ဩ no □ Met after	STATE OR	SHEETS	TOTAL	INDEPENDENT
conditions met Verified and AcknowledgedExamir	Allowance Initials	16 AC AC ALIAN I PECT	DRAWING 10	CLAIMS 26	CLAIMS 5

ADDRESS

51298 CRAWFORD MAUNU PLLC 1270 NORTHLAND DRIVE SUITE 390

ST. PAUL, MN

nttp://neo:8000/PrexServlet/PrexAction?serviceName=BibDataSheet&Action=di... 6/3/05

## **TITLE**

Method and apparatus for enhancing thermal stability, improving biasing and reducing damage from electrostatic discharge in self-pinned abutted junction heads having a self-pinned bias layer extending beyond the free layer

office bias layer extending beyond the free layer					
		☐ All Fees			
		☐ 1.16 Fees ( Filing )			
FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT	☐ 1.17 Fees ( Processing Ext. of time )				
RECEIVED	No. for following:	☐ 1.18 Fees ( Issue )			
1470		☐ Other			
		☐ Credit			